

FIG. 1

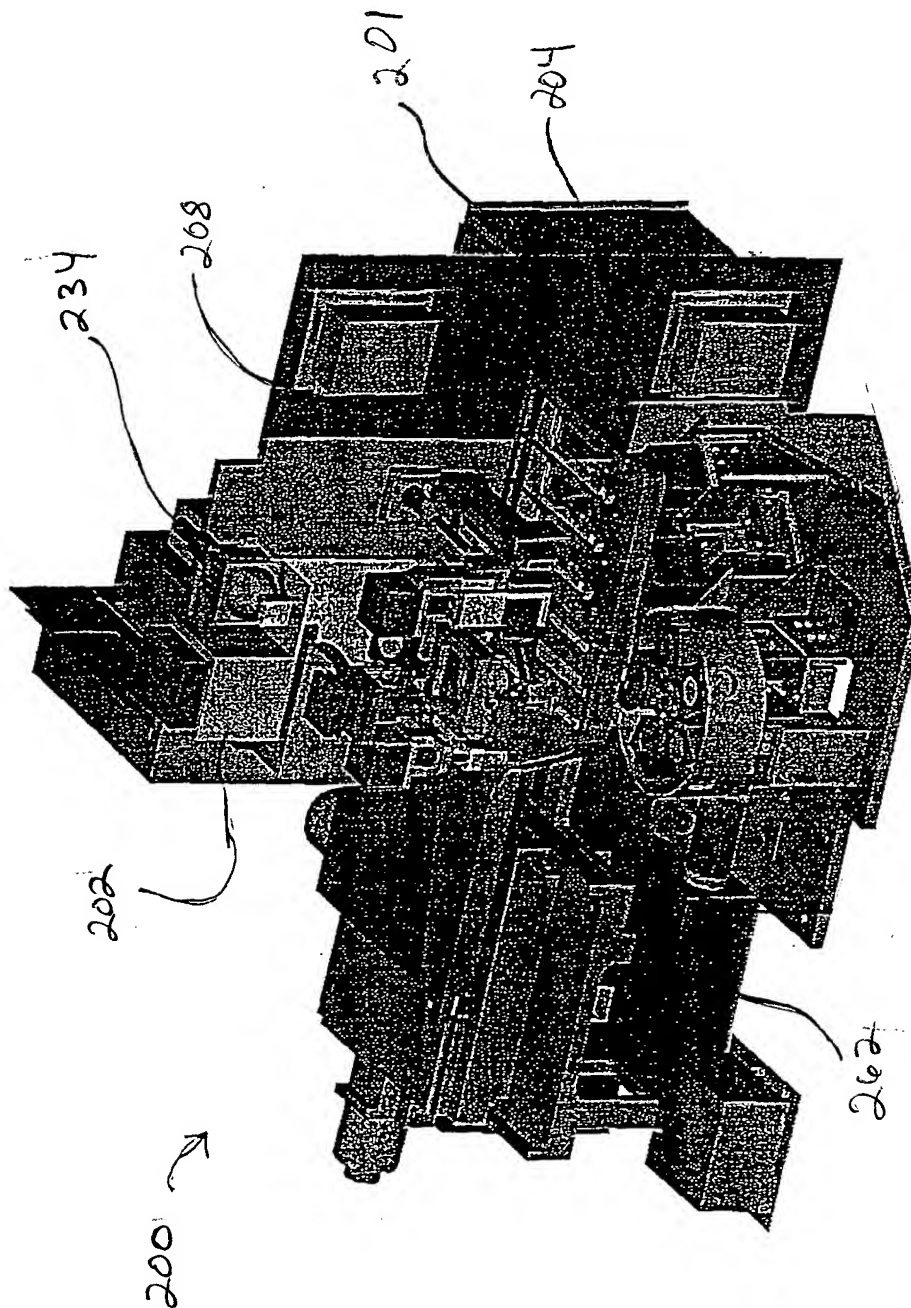


FIG. 2

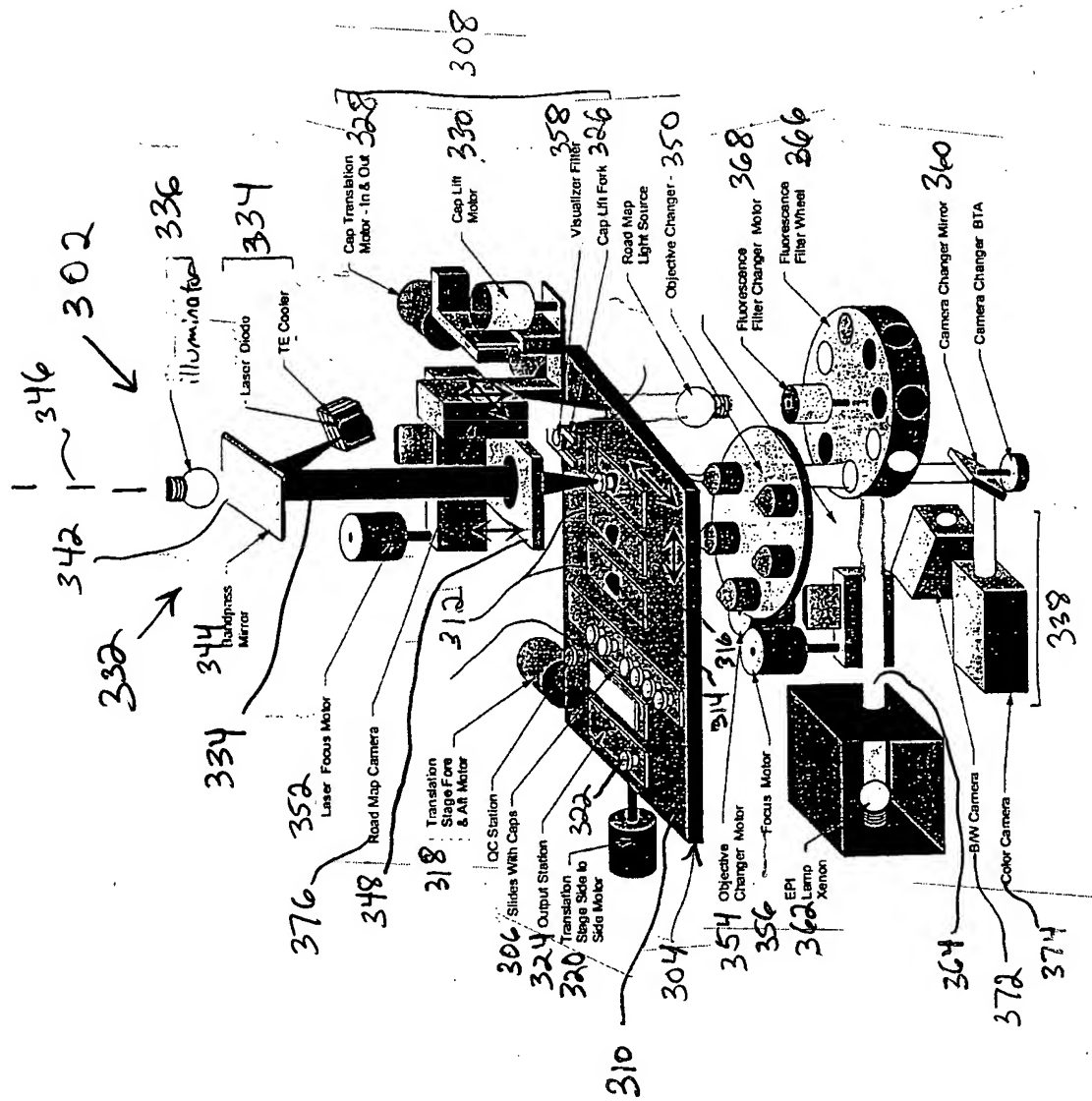


FIG. 3

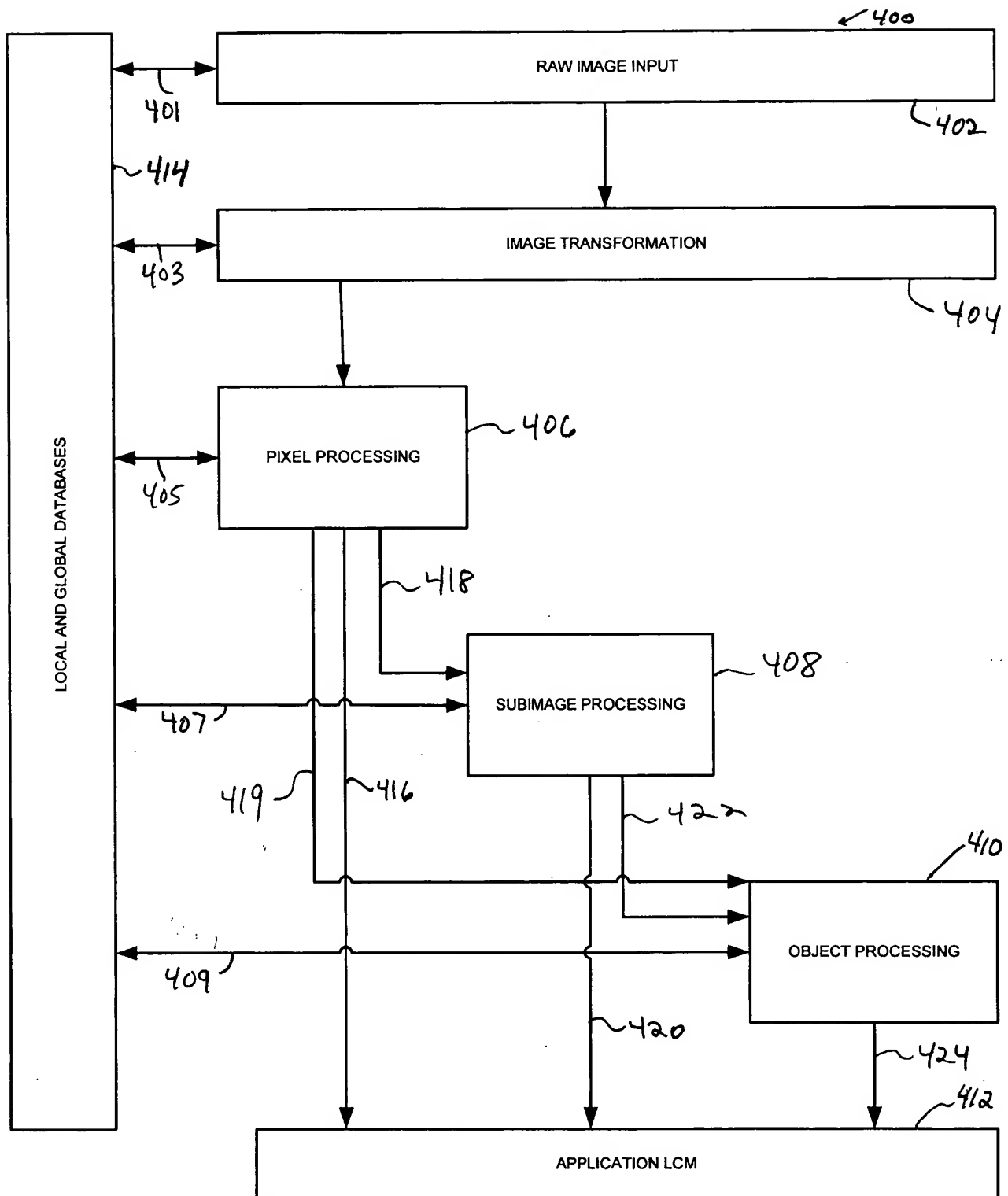


FIG. 4

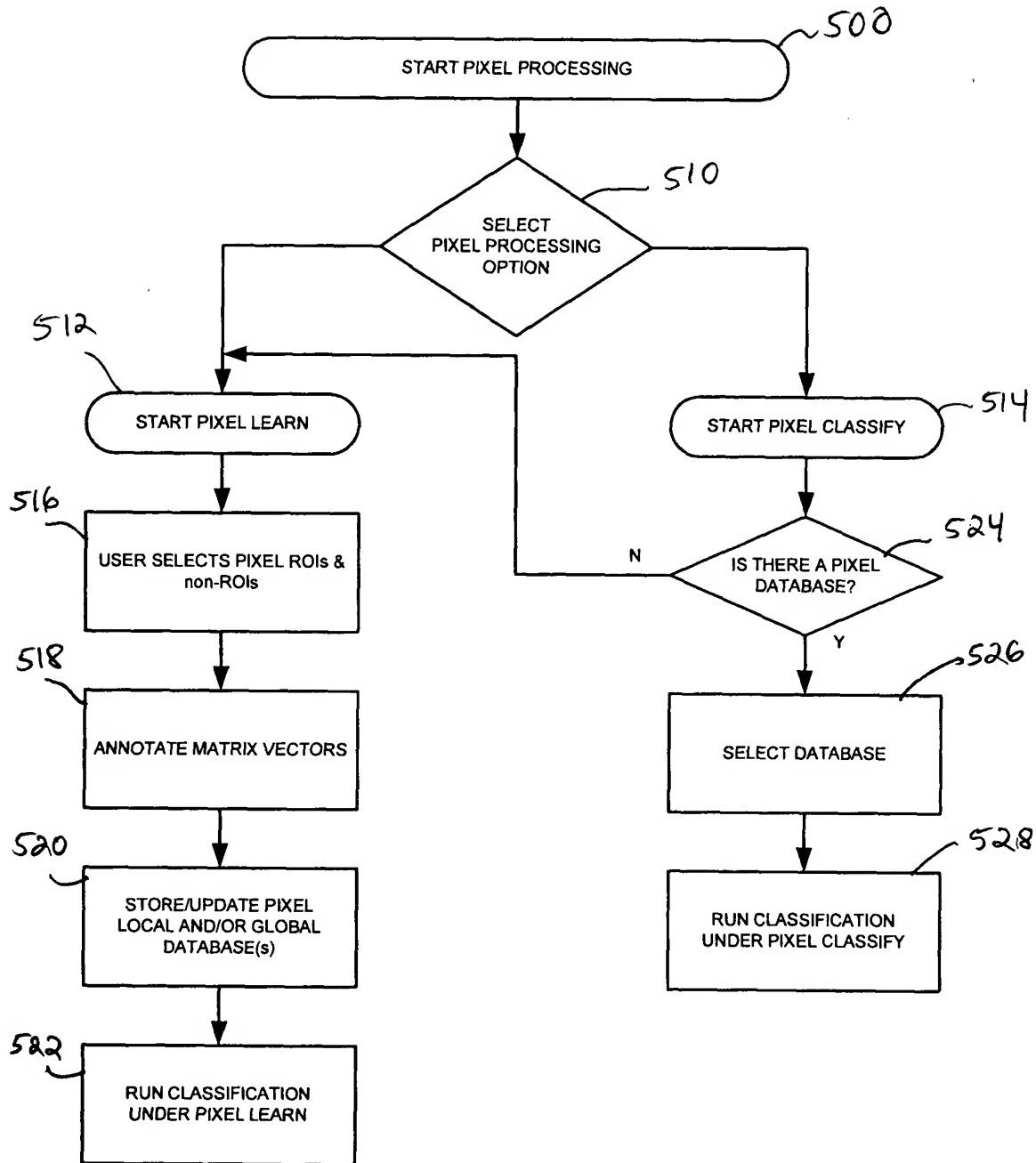


FIG. 5

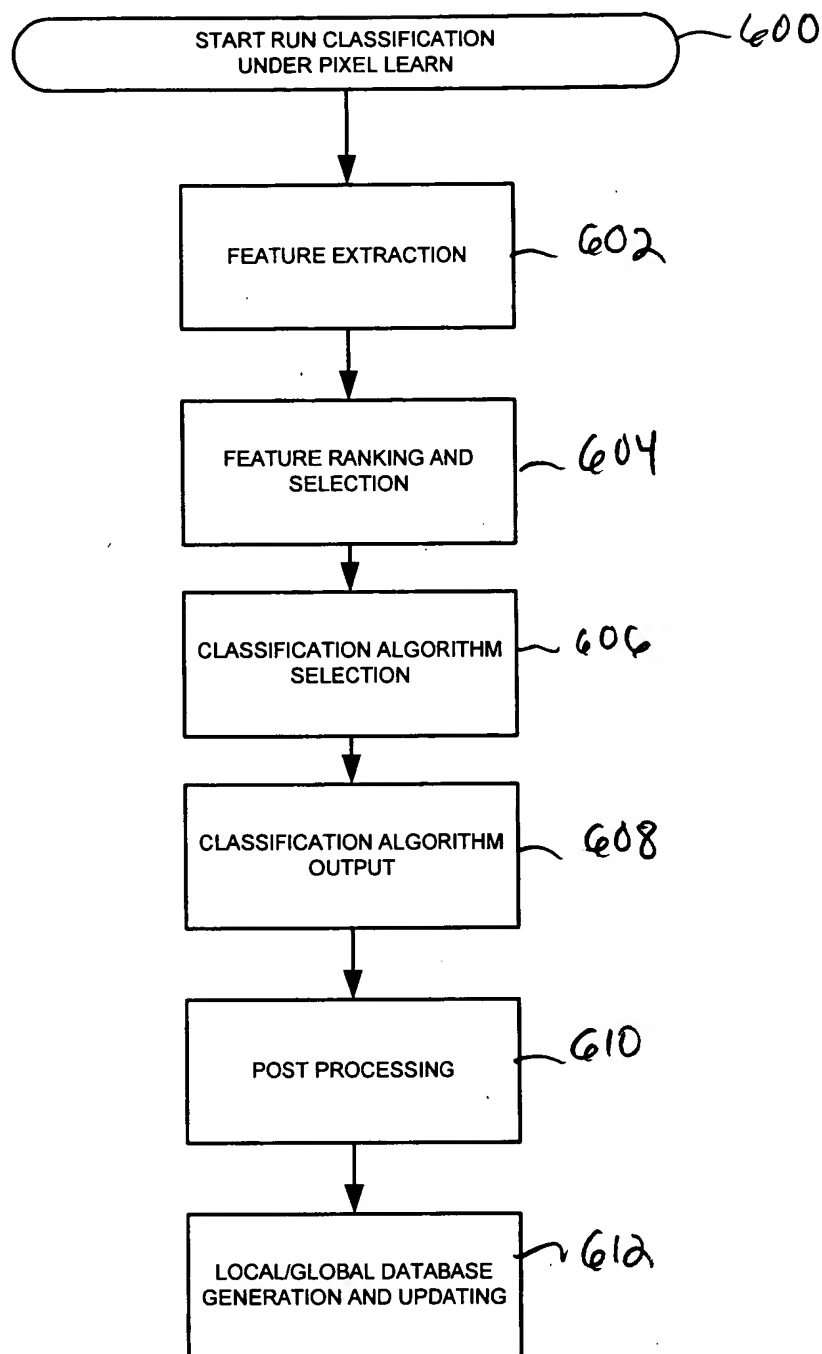


FIG. 6

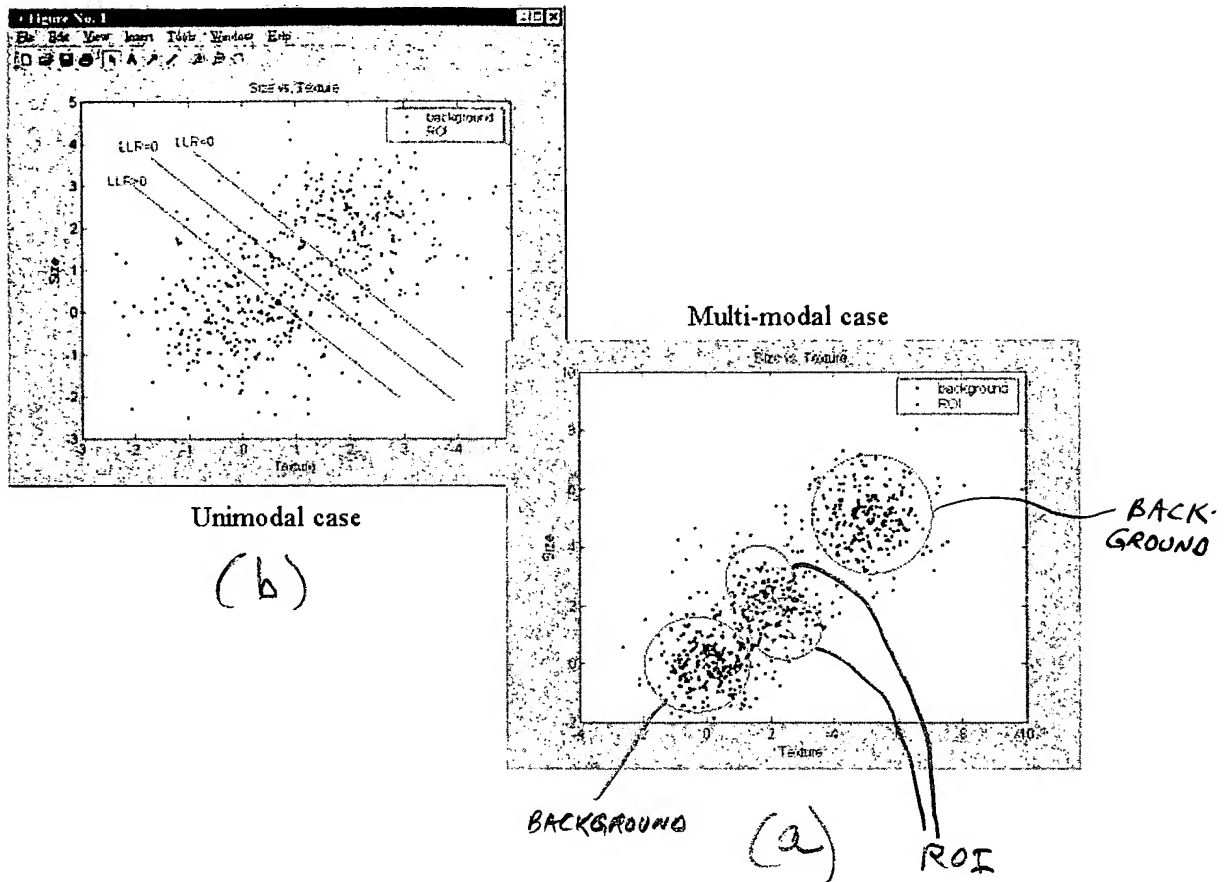


FIG 7

Results of Pixel Processing

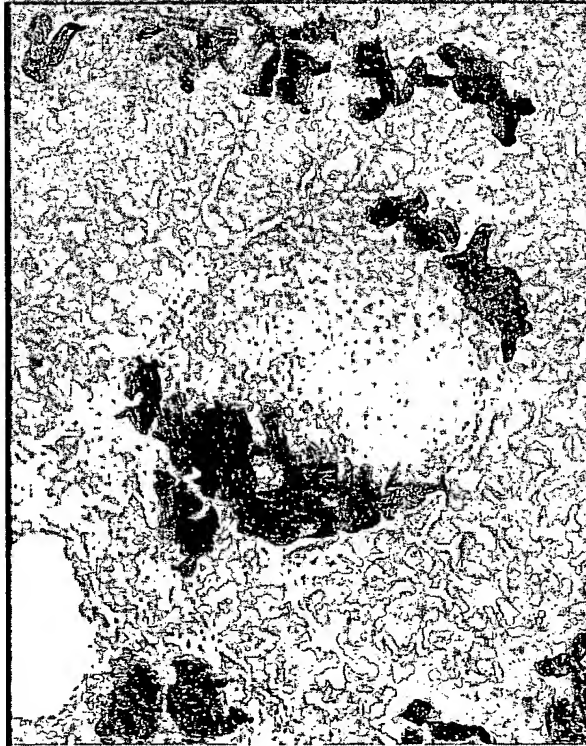


FIG. 8A

After region labeling of the  
binary image map (color denotes  
a region identification number)



FIG. 8B



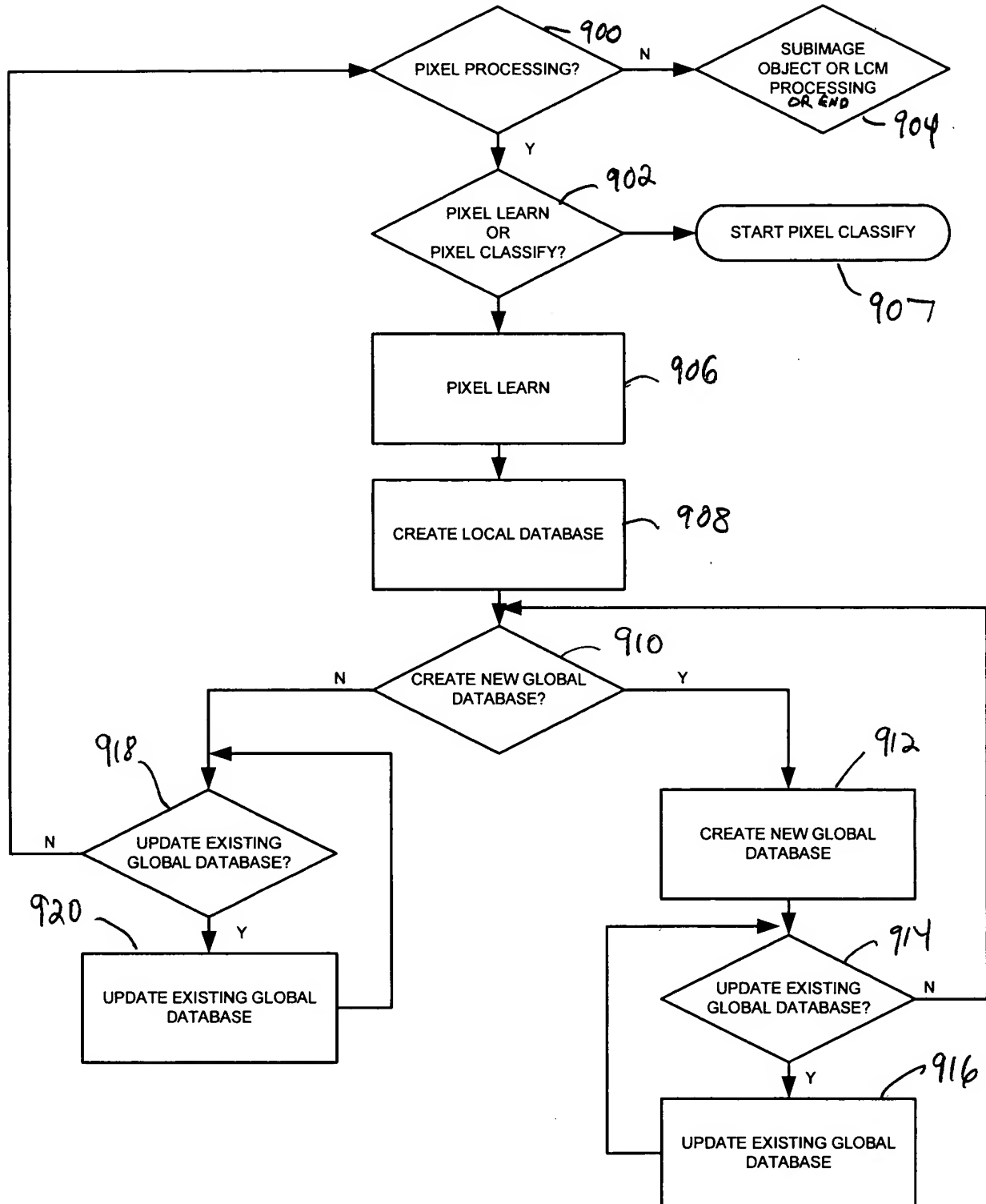


FIG. 9

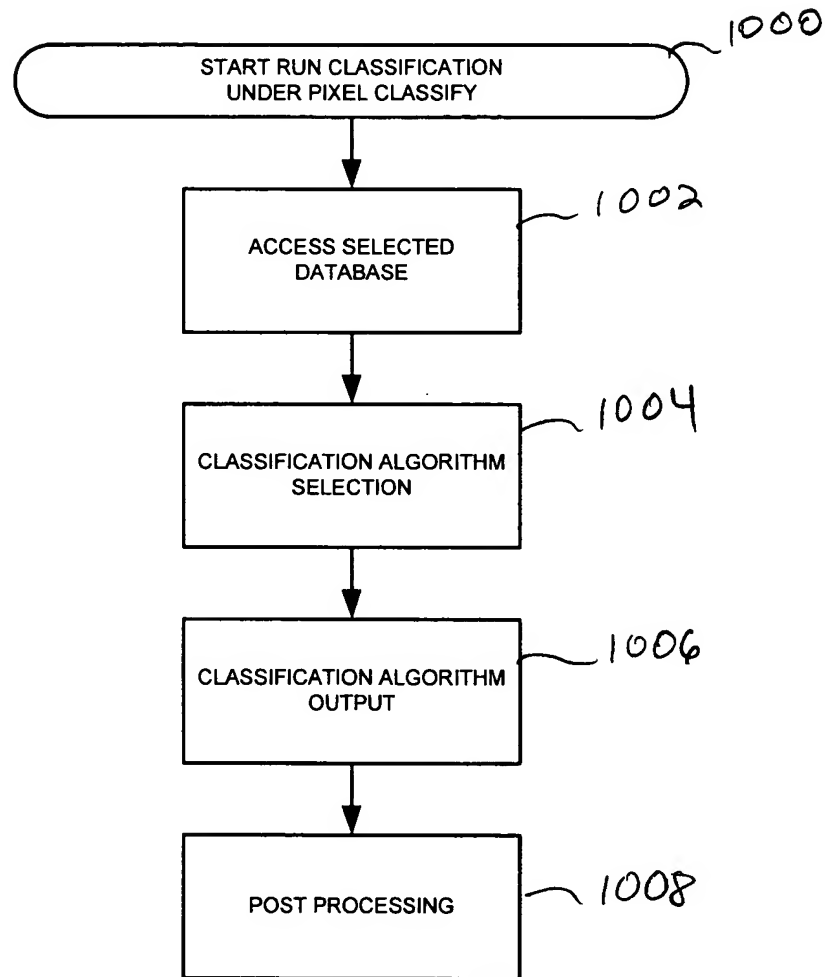


FIG. 10

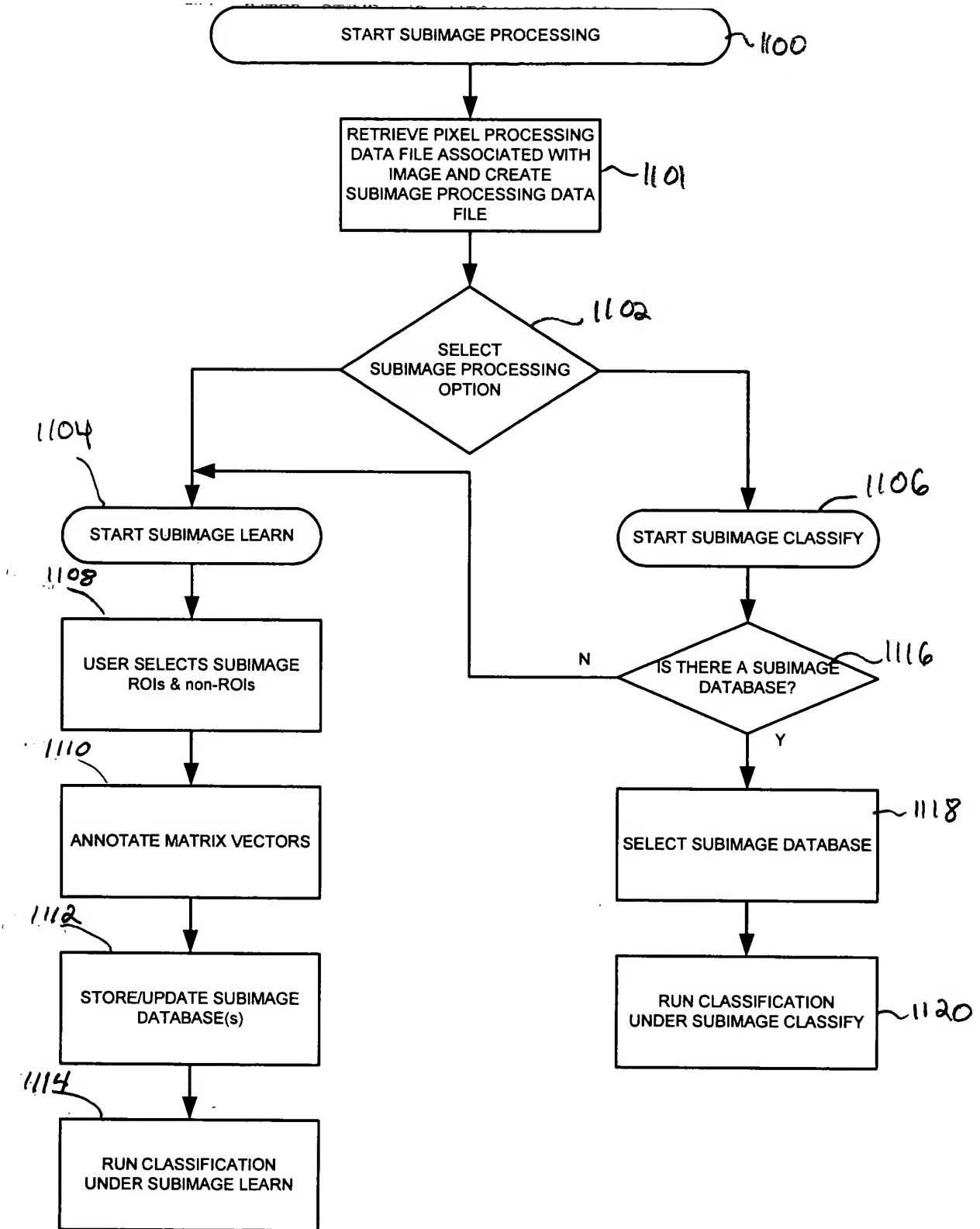


FIG. 11

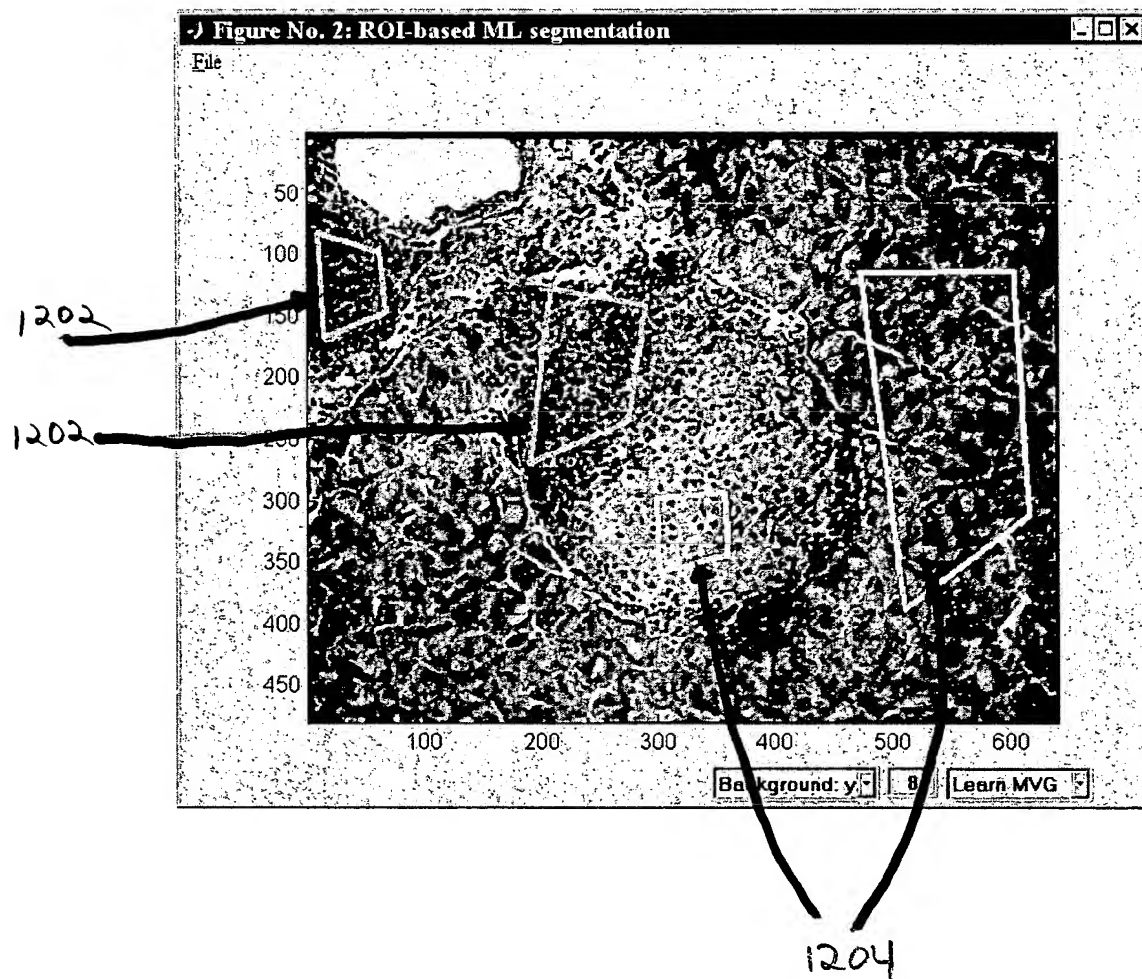


FIG. 12

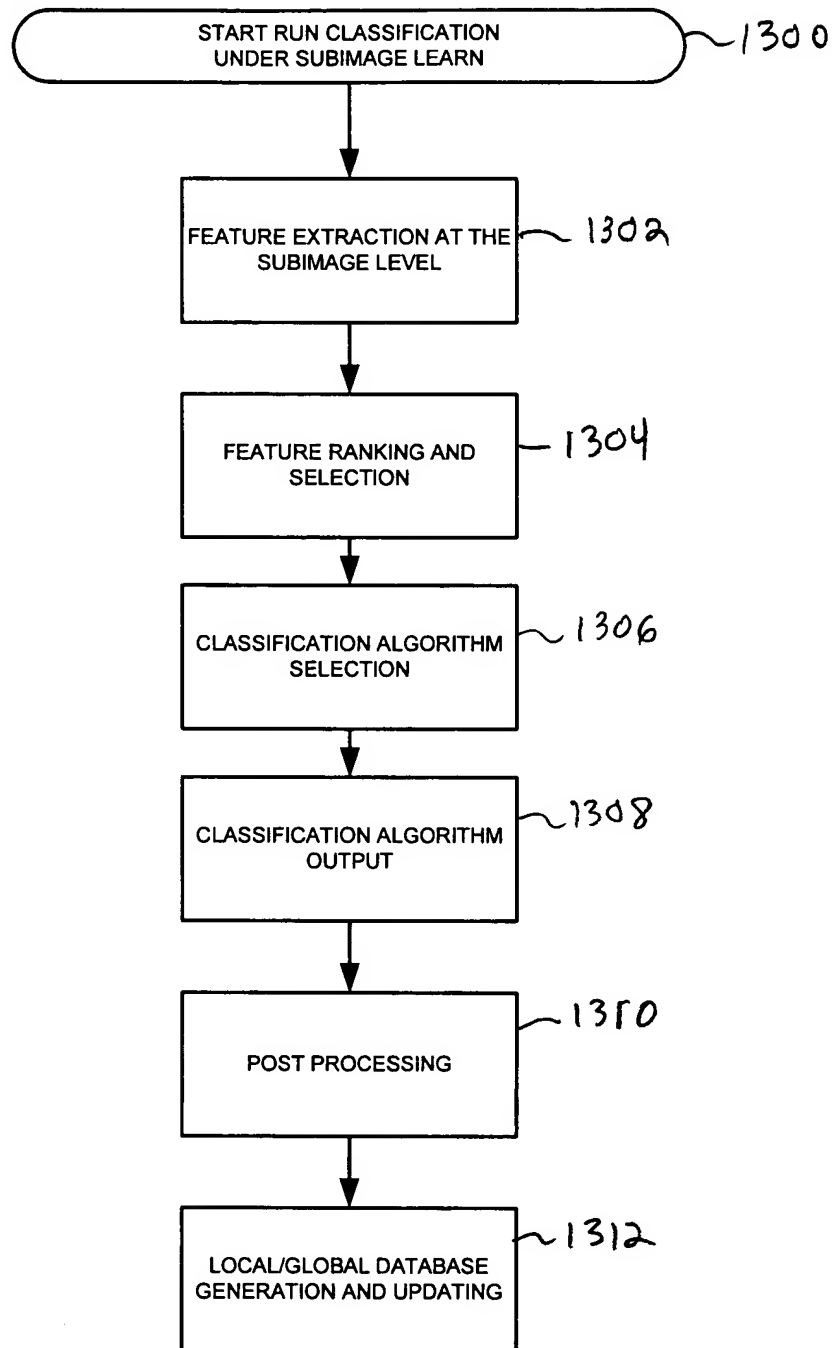


FIG. 13

# Subimage Processing

Figure No. 3: ROI-based ML segmentation

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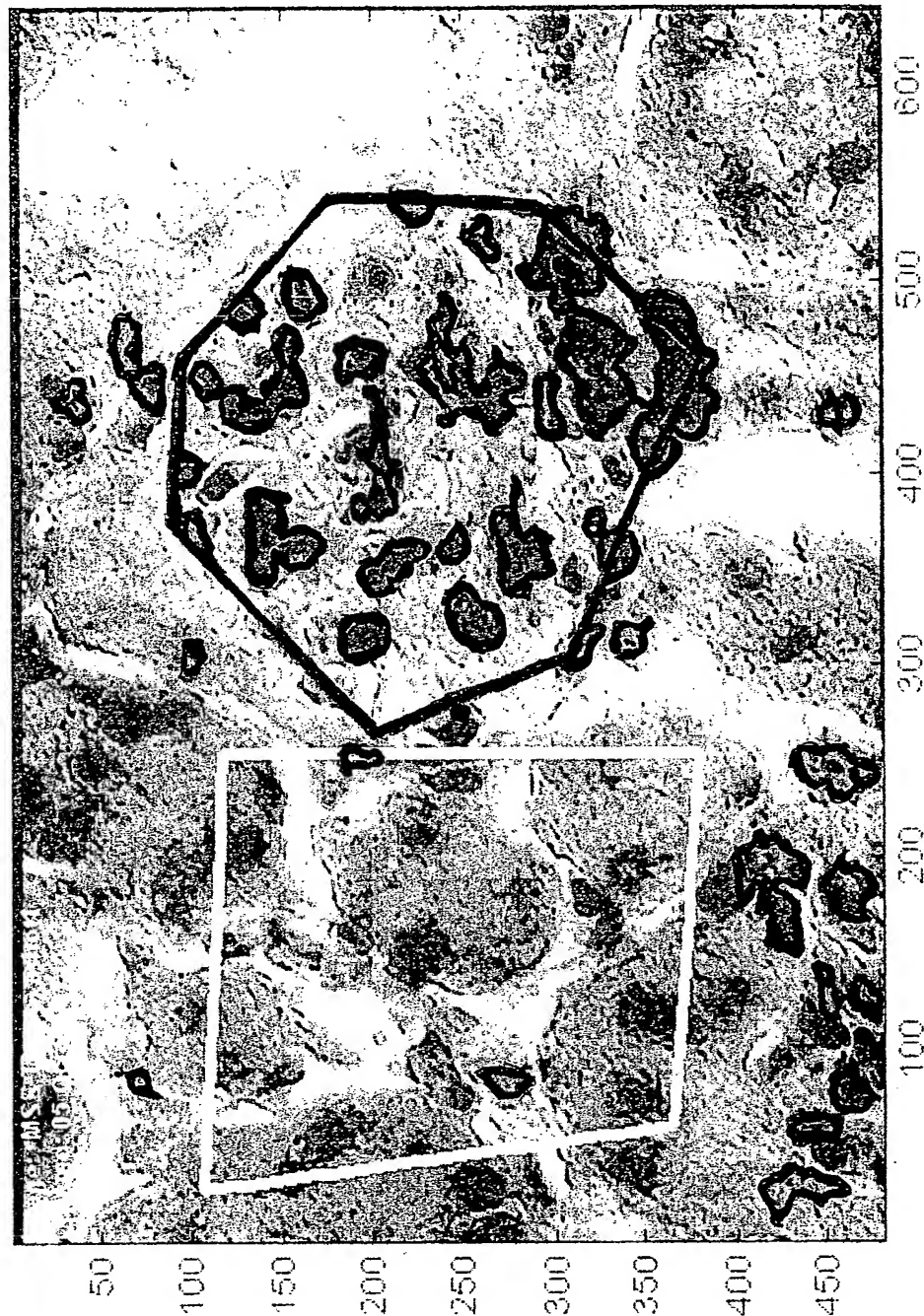


FIG. 14A

# Pixel Processing

Figure No. 2: Color-based ML segmentation

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FIG 14B

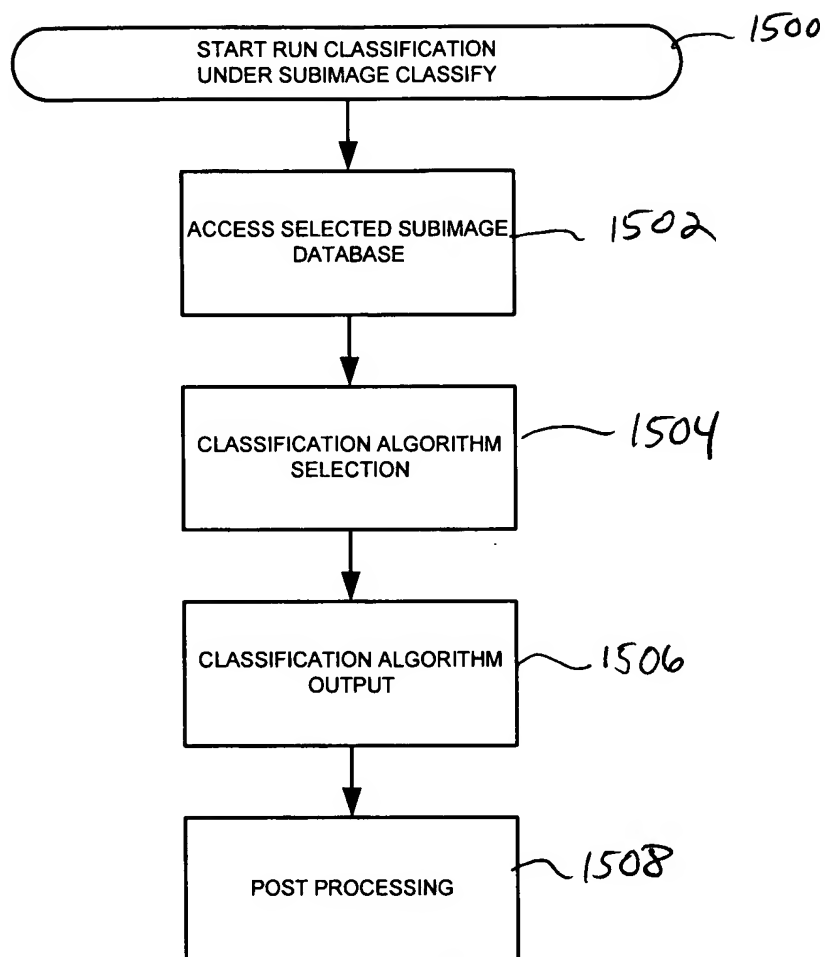


FIG. 15



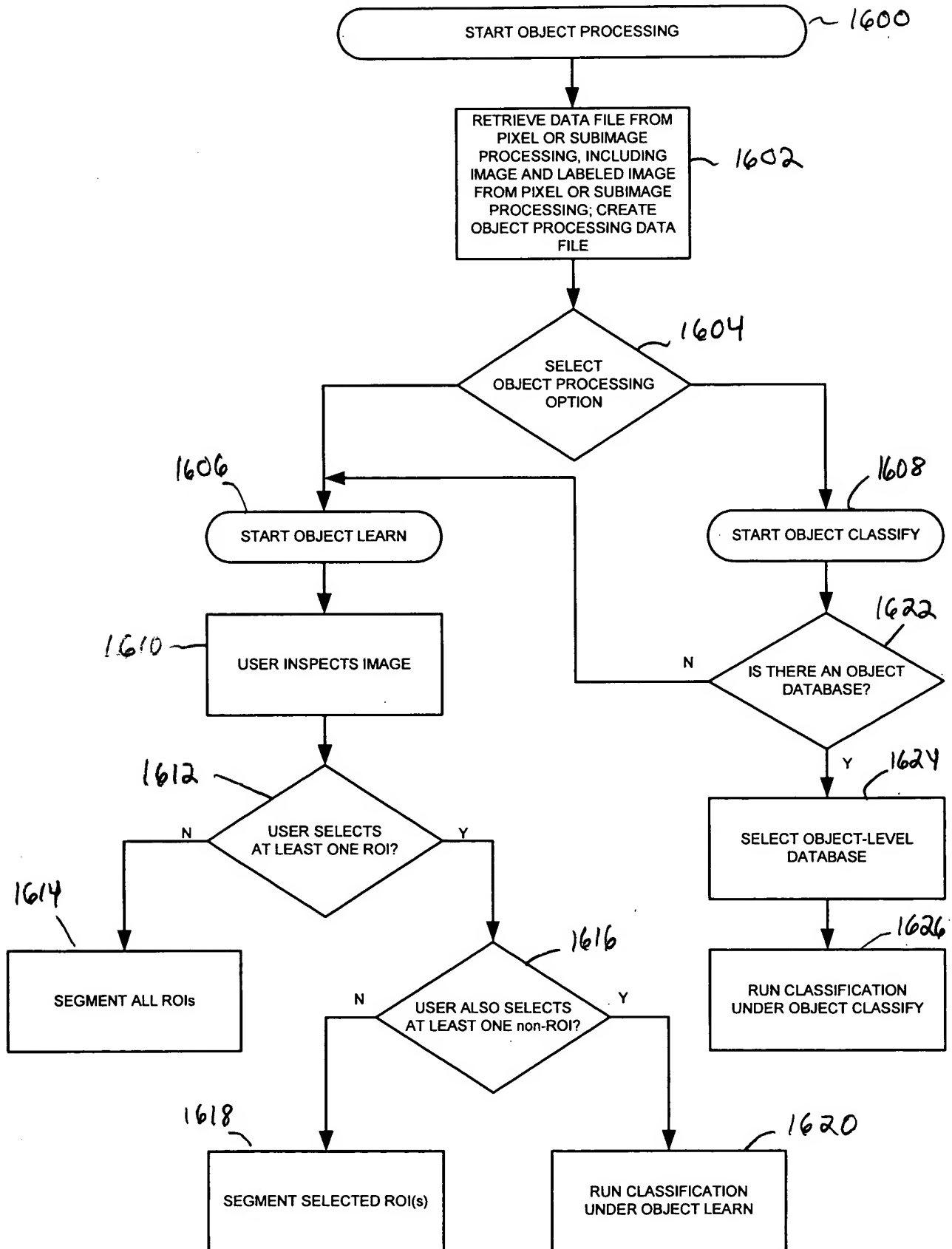


FIG. 16

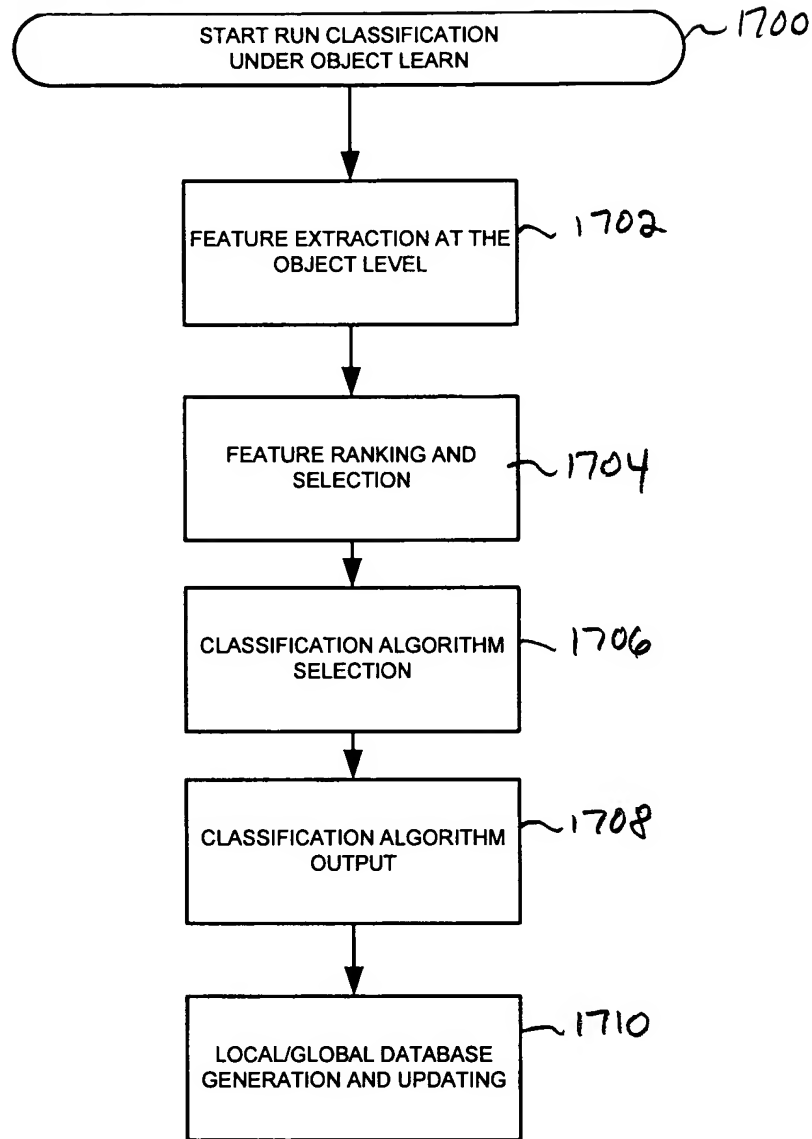


FIG. 17



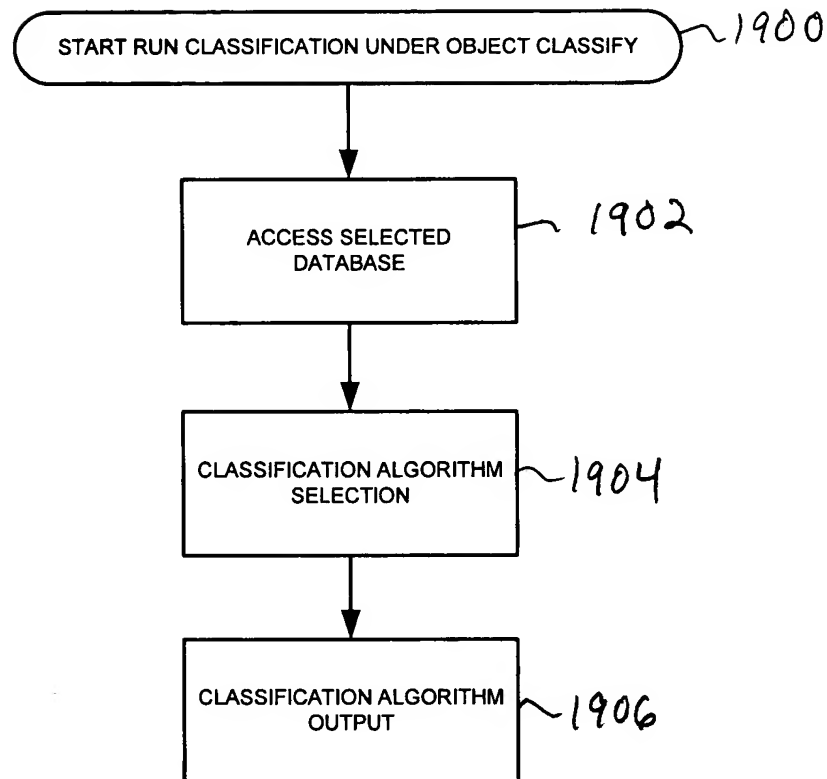


FIG. 19

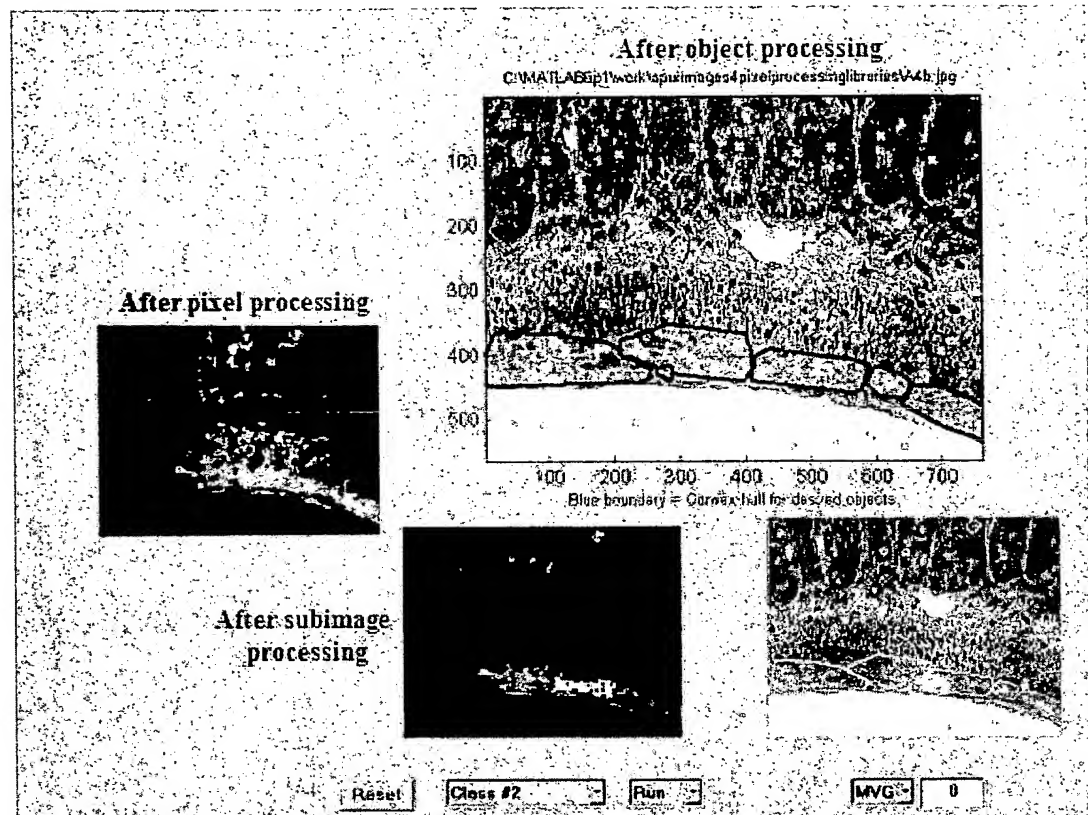


FIG. 20